

3

Dénes, Peter

Next some congruential theorems are obtained which involve the expression $D_v \log \omega(e^v)$; this means the z th derivative at $v=0$. In particular it is proved that there exists in $\Omega(\zeta)$ a fundamental set of units $\delta_1, \dots, \delta_g$, which satisfy (*) and such that

$$D_{2j} \log \delta_i(e^v) \equiv 0 \pmod{p^{t+1}} \quad (j=1, \dots, i-1, i+1, \dots, g)$$

for arbitrary $t \geq w$, where $w = \max(u_1, \dots, u_g)$. As an application it is proved that if ϵ is a unit of $\Omega(\zeta)$ which is congruent to a rational integer $(\text{mod } p^{w+1})$, where $w' = \max(u'_1, \dots, u'_g)$, then ϵ is the $p^{w'}$ -th power of a unit of $\Omega(\zeta)$.

L. Carlitz (Durham, N.C.)

2/
~~2/~~

DEINES, R. E. K.

100

Dénes, Peter. Über die kummischen logarithmischen Funktionen. Acta Sci. Math. Szeged 15, 115-125 (1954).

Let l denote an odd prime, ζ a primitive l th root of unity, $R(\zeta)$ the cyclotomic field generated by ζ , $\lambda = 1 - \zeta$, $L = (\lambda)$,

so that $(l) = L^{l-1}$. Let $\omega = \sum_{i=0}^{l-1} \zeta^i$ denote an integer of $R(\zeta)$; thus for each ω there is an expression of this sort with $s \leq l-2$, which may be called the normal form and is denoted by ω^n . Together with ω we consider $\omega(\sigma) = \sum \omega \zeta^i$. In a previous paper [Publ. Math. Debrecen 2, 216-214 (1952); these Rev. 14, 728] the author proved the congruence

$$D_k \log \omega_1(\sigma) \equiv D_k \log \omega_1(\sigma) \pmod{l}$$

for $k=1, \dots, l-2$, which had been stated by Kummer; here $\omega_1 = \omega$ and is prime to L , and D_k indicates the k th derivate with respect to σ at $\sigma=0$. The main results of the present paper are the following.

I. Let $(\omega, L) = 1$ and let $D_k \log \omega(\sigma) \equiv 0 \pmod{L^{k+1}}$

$$D_k \log \omega(\sigma) \equiv 0 \pmod{L^{k+1}} \quad (k=1, \dots, l-1),$$
$$D_k \log \omega(\sigma) \equiv q \not\equiv 0 \pmod{L^{k+1}} \quad (0 < k < l-1);$$

then $\omega \equiv f_0 + f_1 \lambda^{l-1} \pmod{L^{l-1}}$, where f_0 and f_1 are rational integers prime to l : and

$$f_1 \equiv \omega + \frac{1}{l-1} D_{l-1} \log \omega(\sigma) \pmod{l^{k+1}}$$

$$f_1 \equiv (-1)^k \omega q / (l \cdot k!) \pmod{l}.$$

II. Let $(\omega, L) = 1$ and let ω be congruent to a rational integer (\pmod{L}) ; then $\omega \equiv \omega_1^n \pmod{L^{k+1}}$ if and only if $D_k \log \omega(\sigma) \equiv 0 \pmod{L^k}$.
L. Carlitz.

Ass
D.W. HC

DE VES, P

De Vries, P., and Turán, P. A second note on Fermat's con- 1. 7/59
jecture. Publ. Math. Debrecen 4, 28-32 (1955).

As in a previous paper [Turán, J. Indian Math. Soc. (N.S.) 15, 47-50 (1951); MR 13, 321], the authors denote by $R_g(N)$ the number of solutions (x, y, z) of the system

$$x^2 + y^2 - z^2 = 0, \quad 1 \leq x, y, z \leq N,$$

where g is an odd prime and $g^2 \equiv 1 \pmod{4}$. An improved inequality

$$R_g(N) < g(1 + 3 \cdot 2^g) N^{2g}$$

is established by an elementary argument about the prime factors of $(z^2 - x^2)(z - x)$. By using a deeper theorem of Furtwängler and some results on Dirichlet L -functions the author proves that

$$R_g(N) < c N^{2g} (\log N)^{2g-1}.$$

He conjectures that the state of the art permits a proof of $R_g(N) < c N^g$, but feels that $R_g(N) = O(N^g)$ ($\epsilon > 0$), is very deep.

D. H. Lehmer (Berkeley, Calif.)

Vir
C
①

DÉNES, PETER

2

Dénes, Peter. Über den zweiten Faktor der Klassenzahl
irregulärer Kreiskörper.

Publ. Math. Debrecen 4 (1956), 163-170.

Let p denote an irregular prime, ζ a primitive p th root of unity, $R(\zeta)$ the cyclotomic field generated by ζ , $\lambda = 1 - \zeta^2$, $h = h(\lambda)$ the second factor of the class number of $R(\zeta)$. For $h_2 = p h$, $p \nmid h$. Vandiver [Proc. Nat. Acad. Sci. U.S.A. 16 (1930) 743-749] proved that a necessary and sufficient condition that $p|h_2$ is that one of the units

$$E_i = \epsilon^{\sigma_i} \quad (i=1, \dots, \frac{1}{2}(p-3))$$

be the p th power of a unit of $R(\zeta)$. Here:

$$\epsilon = \sqrt{\frac{(1-\zeta^r)(1-\zeta^{-r})}{(1-\zeta)(1-\zeta^{-r})}}$$

r is a primitive root (mod p), s denotes the substitution $\zeta \rightarrow \zeta^r$ and

$$G_i = r^{p^i} + s r^{p^{i-1}} + s^2 r^{p^{i-2}} + \dots + s^{i-1} r^{p^i - (i-1)}$$

Handwritten mark

Handwritten mark

1/3

JENE, PETER

2

The object of the present paper is to determine the value of j_2 . The following results are proved.

I. Let the primitive root γ satisfy

$$\gamma^{p-1} \equiv 1 \pmod{p^2} \quad (p > j_2 + 1)$$

and let

$$E_i = \gamma^{2^i}, \quad S_i = 1 + \gamma^{-2^i} + \gamma^{-2^{i-1}} + \dots + \gamma^{-2^i} \gamma^{-(p-3) \cdot 2^i};$$

also assume that

$$B_i = \delta_i \gamma^{2^i} \quad (\delta_i \in R(\zeta); i = 1, \dots, \frac{1}{2}(p-3)).$$

Then

$$(*) \quad j_2 = \sum_1^{(p-3)} u_i$$

II. Define u_i by means of

$$A_i \gamma^{2^i} \equiv 0 \pmod{p^{2^i+1}} \quad (i = 0, \dots, u_i - 1);$$

$$B_i \gamma^{2^i} \not\equiv 0 \pmod{p^{2^i+1}}$$

define u_i' by means of

$$a_i \equiv m_i + n_i \lambda^{2^i} (\gamma^{-1})^{2^i} \pmod{p^{2^i+1}}$$

where the λ_j are a fundamental set of units, m_i and n_i are rational integers prime to p . The numbers u_i and u_i' , which were previously introduced by the author, are

2/3

DEARS, PETER

called the p -character of the Bernoulli numbers and of the fundamental units, respectively. The explicit result for j_2 reads

$$j_2 = \sum_L^{n(p-3)} (u_1 - u_1')$$

Indeed it is shown that $u_1 = u_1' - u_1''$ so that (***) follows from (*).

In his earlier paper [Publ. Math. Debrecen 3 (1953), 17-23; MR 15, 686] the author defined w as the greatest of the numbers u_i ; he called w the Irregularitätsgrad of the prime p . He raised the question of the finiteness of w for given p and promised to prove this assertion in a later paper. This promise is repeated in the present paper. However, it is pointed out that the finiteness of w is a consequence of Furtwängler's conjecture concerning the class field tower: If k is an algebraic number field, K_1 the class field of k , K_2 the class field of K_1 , and so on, then according to the conjecture, there is an integer n such that K_{n+1} is identical with K_n . L. Carlitz (Durham, N.C.)

3/3
8/11/53

DENES, P.

Developing the Hungarian production of powdered iron magnets; also, remarks by E. Juvacz and others. p.5. (Kozlemenyel, Budapest. Vol. 20, no. 1/2, 1956.

SO: Monthly List of East European Accessions (EEAL) IC., Vol. 6, no. 7, July 1957. Uncl.

DENES, R.

Hungarian Technical Abst.
Vol. 5 No. 2
1953

621.436.3/4.038.8

26. A new type injection nozzle for antechamber diesel engines - *Új típusú befecskentésű fűtőkamrás dieselmotorokhoz* - R. Denes. (Machinery - Gép - Vol. IV, No. 6, June 1953, pp. 282-283, 5 figs.)

The new style nozzle is adequate only for engines with a spherical antechamber inside of which the air entering during the compression stroke becomes very turbulent. The generally used pintle nozzle directs the fuel spray to the place where it mixes best with the swirling air thereby ensuring the optimal performance. However, the latest investigations proved that, when starting, the warmest zone of the antechamber lies away from the direction of this jet, approximately around the centre of the spherical chamber. By directing the fuel jet to this zone the engine can be started without the use of a glow plug. For this reason the new type nozzle has a narrow secondary bore which directs the jet to this zone at the start. As soon as the engine attains normal rpm the pintle closes the secondary bore and directs the jet into a tangential direction for an optimal performance. The design and operation of the nozzle is illustrated in several figures. R. Erdős

9/16/54 LM

DENES, R.

Gear shifts with epicycloidal wheels. p. 8., (AUTOMOTOR, Budapest, Hungary), Vol. 8, No. 3, Feb. 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No. 5, May 1955. Uncl.

DENES, R.

Most popular motorcycle in the German Democratic Republic. p. 10,
(AUTO MOTOR, Budapest, Hungary), Vol. 8, No. 3, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 5, May 1955. Uncl.

DEMEN, R.

Effect of the choice of gear shift on the mobility of motor vehicles,
p. 8, (AUTO MOTOR, Budapest, Hungary), Vol. 8, No. 4, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAU), 10, Vol. 1,
No. 5, May 1955, Uncl.

DENES, R.

Heating in motor vehicles. p. 10., (AUTO MOTOR, Budapest, Hungary),
Vol. 8, No. 4, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 5, May 1955, Uncl.

DENES, R.

DENES, R. - Auto Motor - Vol. 8, no. 9, May 1955.

At the Automobile Part Factory before May! p. 2.

By May! p. 5.

Modern hydromatic gearshifts. p.8.

When the road is good. p. 9.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

DENES, R.

New hydromatic gearshift of the Institute of Motor Vehicle Development p. 9

AUTO MOTOR Vol. 8, no. 18, Sept. 1955

(Kozlekedesi Kiado) Budapest

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956

DENES, R.

Modern rear suspension. p. 8.

Vol 8, no. 21, Nov. 1955. With friendly eyes; an interview with the leader of the Soviet delegation. p. 3. AUTO MOTOR. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

DENES, R

DENES, R
Modern rear suspension. p. 8

Vol. 8, No. 22, Nov. 1955 Budapest, Hungary

AUTO MOTOR

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 3,
March, 1956

DENES, R.

DENES, R. Hydropneumatic springs. p. 8.

Vol. 8, no. 23, Dec. 1955

AUTO MOTOR

TECHINOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

DENES, R

DENES, R

New system of torsion springs. p. 8
Control of injection pumps. p. 9

Vol. 8, No. 24, Dec., 1955 Budapest, Hungary AUTO MOTOR

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 3
March, 1956

DENES, R.

DENES, R. Stability moment of the lateral elasticity of rubber tires. II. p. 167.

Vol. 3, No. 6, June 1956.
JARMUVEK MEZOGAZDASAGI GEPEK
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

DENES, R.

DENES, R. Modern air springs. p. 8.

Vol. 9, no. 1, Jan. 1956

AUTO MOTOR

TECHINOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

DENES, R.

(B.A.) Critical review of the 33d Milan Exhibition of Motorcycles. p.10.
We should take more care of the chassis. p. 9.
Rubber springs. p18.
AUTO MOTOR, Budapest. Vol 9, no. 3, Feb 1956

SOURCE: EEAL, Vol 5, no. 7, July 1956

DENES, R.

Automatic gear shift. p.8.

Indispensable apparatus; a test bench for examining feeders is finished by

MIR-KOZ, p.9.

It is worthy of preparation and application, p.12.

AUTO MOTOR, Budapest, Vol 9, no. 5, Mar 1956.

SOURCE: EEAL, Vol 5, No. 7, July 1956

DENES, R.

Driving motor vehicles with an automatic gear shift. p. 8
AUTO MOTOR (Kozlekedesi Kiado) Budapest Vol 9, no. 7, Apr. 1956

Source: EEAL - LC Vol 5. No. 10 Oct. 1956

DENES, R.

DENES, R. Push-button Automatic Shift, p. 8

Vol. 9 no. 10, May, 1956

AUTO MOTOR

TECHNOLOGY

HUNGARY

SO: East European Accessions, Vol. 5, No. 9, Sept. 1956

DENES, R.

Automatic shift for heavy trucks, p. 8
Useful instruments. p. 9
We ought to try it. p. 10
AUTO MOTOR (Kozlekedesi Kiado) Budapest
Vol 9, no. 12, June 1956

Source: EEAL - LC Vol 5. No. 10 Oct. 1956

DENES, R.

DENES, R. Brakes with eddy current. p. 8
Useful tools. p. 9.

Vol. 9, No. 13, July 1956.

AUTO-MOTOR

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

DENES, R.

Automatic transmissions. p.8. AUTO-MOTOR. (Kozlekedes es Postaugyi
Miniszterium) Budapest. Vol. 9, no. 14, July 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, No. 12, December 1956

DENES, R.

Let us help air filters function! p.9. AUTO-MOTOR. (Kozlekedes es Postaugyi Miniszterium) Budapest. Vol. 9, no. 14, July 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. ~~5~~, No. 12, December 195~~6~~

DENNES, R.

New automatic transmission, p. 8, AUTO MOTOR (Kozlekedszi Kiado)
Budapest, Vol. 9, No. 15, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

EXCERPTA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

5550. THE PEROXIDASE CONTENT OF THE LEUKOCYTES IN DIFFERENT AGES ESPECIALLY IN OLD AGE AND IN DIFFERENT STATES OF HEALTH - Dénes S. Lab., Charity Hosp., Budapest - Z. ALTERNSFORSCH. 1958, 12/3 (224-228) Tables 1 illus. 2

Decrease of peroxidase activity was found in the presence of serious disease process. Healthy old people showed normal reactions. It is suggested that the vitality of the organism can be established by assessing the peroxidase content of the leucocytes. The results are in line with the findings of other workers, that enzyme activities in various systems diminish with the onset of physical inefficiency.

Howell - London (11, 20)

DENEV, St., kand. na tekhn. nauki, dots. inzh.; GEORGIEV D., inzh.;
TRIFONOV, Iv., inzh.

Increased productivity of ball mills by use of warm water.
Min delo 18 no.5:27-30 My '63.

1. Minno-geolozhki institut (for Denev).
2. DMMP "G. Dimitrov", Eliseina (for Georgiev and Trifonov).

DENESH, V.I. [Danes, V.I.]; FERKESHAN, M. [Farcasan, M.]

Structure of products of addition of acid chlorides to
methylene bases of benzothiazole. Zhur.ob.khim. 32 no.2:
654-655 F '62. (MIRA 15:2)

1. Institut khimii AN Rumynskoy Narodnoy Respubliki, g.
Kluzh.

(Acids, Organic)
(Benzothiazole)

DENES, Viorica I.; CIURDARU, Gh.; FAROASAN, Maroela

On heterocyclic methylene bases. Pt.6. Studii cerc chim 13
no.12:909-912 D '64.

1. Institute of Chemistry of the Rumanian Academy, Cluj, 65
Donath Street.

ZSOLNAI, Laszlo (Budapest); GACSO, Elek (Budapest); DENES, Vilmos
(Budapest)

Forum of innovators. Ujit lap 16 no. 4:30 25 F '64.

DENES, V.I.; GIURDARU, Gh.; FARGASAN, M.

Heterocyclic methylene bases. Pt.5. Studii cerc chim 12 no.5:
381-386 '64

1. Institute of Chemistry, Rumanian Academy, Cluj Branch,
Donath St., no. 59-65.

DENES, Viorica I.; CIURDARU, Gheorghe; FARCASAN, Marcela

Methylene bases of heterocycles. Pt. 6. Rev chimie Roum 9 no.12:
867-870 D '64.

1. Institute of Chemistry, Rumanian Academy, Cluj. Submitted
August 10, 1964.

Y. E. DENES.

"Rocker Base Plate Made of Soft Metals." p 193 (Melyeniteseudoranyi Szerle.
Vol. 3, no. 4, Apr. 1953 Budapest.)

SO: Monthly List of East European Accessions. /Library of Congress, Sept 1953, Uncl.
Vol. 2, no. 9

DENES, YE.

"After the meeting of the World Peace Council. (p.146). GUKORIPAR (Gukoripar
es a Mezogazdasagi Ipari Tudomanyos Egyesulet) Budapest. Vol. 6, no. 7,
July 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

DENES, ZOLTANNE, DR.

FRIEDRICH, László, Dr.; WEDGYES, Arpad, Dr.; DENES, Zoltanne, Dr.

Significance of laparoscopy in gastric diagnosis. Orv. hetil. 99 no.8-9:
296-298 23 Feb - 2 Mar 58.

1. A Ballassa János Korhaz (igaszgator Szokodi-Dimitrov Daniel dr. az
orvostudományok kandidátusa) Belosztalyanak (forvos: Friedrich László
dr., az orvostudományok kandidátusa) közleménye.

(ENDOSCOPY

laparoscopy. value in gastric diag. (Hun))

FRIEDRICH LASZLO, DR.; MEDGYES ARPAD, Dr.; DENES ZOLTANNE, Dr.

Experiences with laparoscopy in connection with 200 cases. Orv. hetil.
100 no.4:158-162 25 Jan 59.

1. A Budapesti Fovarosi Tanacs Balassa Janos Korhaza (igazgato: Szokodi-Dimitrov Daniel Dr., az orvostudomanyok kandidatusa) Belosztalyanak (foorvos: Friedrich Laszlo dr., az orvostudomanyok kandidatusa) kozlemeny.

(ENDOSCOPY

laparoscopy, clin. value & statist. (Hun))

FRIEDRICH, Iaszlo, Dr.; MEDGYES, Arpad, Dr.; DENES, Zoltanne, Dr.

Role of laparoscopy in deciding the operability of gastric carcinomas. Orv. hetil. 100 no.12:431-433 22 Mar 59.

1. Budapest Fovaros Tanacsja Balassa Janos Korhaza (igazgato: Szokodi-Dimitrov Daniel dr., az orvostudományok kandidátusa) Belosztalyanak (foorvos: Friedrich Iaszlo dr.; az orvostudományok kandidátusa) kozlemenye.

(GASTRECTOMY, in various dis.

cancer of stomach, determ. of operability by laparoscopy (Eun))

(ENDOSCOPY

laparoscopy in determ. of operability of stomach cancers (Hun))

FRIEDRICH, Laszlo, Dr.; MEDGYES, Arpad, Dr.; ~~DENES, Zoltanne, Dr.~~

Experiences with liver puncture under laparoscopic control. Orv. hetil.
100 no.35:1261-1264 30 Aug 59.

1. Budapest FÖV. Tanácsa Balassa Janos Korhaza (igazgato: Szokodi-Dimitrov
Daniel dr., az orvostudományok kandidátusa) Belosztalyanak (főorvos:
† Friedrich Laszlo dr. az orvostudományok kandidátusa) közleménye.
(LIVER, pathol.)
(ENDOSCOPY)
(BIOPSY)

DREXLER, Miklos, dr.; MEDGYES, Arpad, dr.; DENKS, Zoltanne

On certain problems related to retroperitoneal tumors possibly
connected with enlarged spleen. Orv.hetil. 101 no.10:342-344
Mr '60.

1. Budapest Fov. Tan. Balassa Janos Korhaz I. sz. Sebészeti es
Belgyógyászati osztaly.

(SPLENOMEGALY compl)

(RETROPERITONEAL SPACE neopl)

MEDGYES, Arpad, dr.; DENES, Zoltanne, dr.

Dangers of laparoscopy and guided liver puncture. Orv.hetil. 101
no.39:1378-1381 25 S '60.

1. Budapest Fovarosi Tanacs Balassa Janos Korhas, Belosztaly.
(ENDOSCOPY compl.)
(LIVER pathol.)

MEDGYES, Arpad, dr.; DEHES, Zoltanne, dr.

Perforation of the ventricular septum following myocardial infarction diagnosed intra vitam. Orv.hetil. 101 no.34:1213-1214 21 Ag '60.

1. Budapest Fovarosai Tanacs Balassa Janos Korhaza, Belcsztaly.
(MYOCARDIAL INFARCT diag)

DENES, Z.

New indicator for the chemical effect of urine. Orv. hetil. 92 no.15:486-487 15 Apr 1953. (GMLL 24:5)

1. Doctor. 2. Laboratory (Head Physician -- Dr. Zsuzsanna Denes), 12th District Metropolitan Council Specialist Dispensary.

DEES, Z.; LOWINGER, S.

Detection of occult hemorrhage. Orv. hetil. 94 no.45:1254 8 Nov 1953.
(GIML 25:5)

1. Doctors. 2. Hospital Ward of MIOI Asylum (Director -- Head Physician
-- Dr. Istvan Weiss).

DENES, ZSUZSANNA

MOLNAR, Antal, dr.; DENES, Zsuzsanna, dr.

Quantitative determination of urobilinogen in urine during normal and pathological function of the liver. Or. hetil. 95 no.25-26: 712-716 24 June 54.

1. M.I.O.I. Szeretethaz Korhazosztalyanak (igazgato-foorvos: Weiss Istvan dr.) kozlemenye

(UROBILIN

urobilinogen in urine in relation to liver function)

(URINE

urobilinogen in relation to liver function)

(LIVER FUNCTION TESTS

urobilinogen in urine)

DENES, Zsuzsanna, dr.

1948-1950

Simple function test of the liver with distilled water. Orv. hetil
96 no.27:749-750 3 July 55.

1. A MIOI Szeretetchaz Korhazosztalyanak (igazgato-foorvos: Weiss
Istvan dr.) kozlemenye.

(LIVER FUNCTION TESTS,
distilled water test)

EXCERPTA MEDICA Sec. 6 Vol. 11/11 Nov. 57

DÉNES Z.

6927. DÉNES Z. A zsugorodott vörösvérsejtek jelentősége. The significance of crenated erythrocytes ORV.HETIL. 1956, 97/41 (1134-1135)
illus. 2

Blood films of 982 patients with various diseases were thoroughly investigated on the occurrence of crenated erythrocytes (burr cells). The highest incidence of crenated erythrocytes were found in cachectic carcinomatous cases, with hypochromic anaemia and high blood sedimentation and partly in senile people as a part of general cell ageing.
Bán - Debrecen

DENES ZSUZSANNA

Serial comparative studies on serum bilirubin determination with and without protein precipitation. Magy. belorv. arch. 10 no.4: 124-127 Aug 57.

1. Szeretetkorhaz laboratoriumanak kozlemenye. (Igazgato Weoss Ostban dr. Lab oratoriumi forvos: Denes Zsuzsanna)
(BILIRUBIN, in blood
determ. with & without protein precipitation, serial comparative studies (Hun))

DENES, Zsuzsanna, dr.; EGGER, Laszlo, dr.

On the vaginal presence of Trichomonas. Magy.noorv.lap. 20
no.6:348-350 N '59.

1. Munkakepessegsokkenest Velemenyezo Orvosi Bizottsagok
(Kozponti vezeto foorvos: Schindler Frigyes dr.) Laboratoriu-
manak (Foorvos: Denes Zsuzsanna dr.) kozlemenye.
(TRICHOMONAS INFECTIONS)
(VAGINA dis)

DENES, ZSUZSA, DR.; EGLER, LASSLO, DR.; HAGEDORN, JOLAN, DR.

Quantitative evaluation of Ehrlich's aldehyde reaction after loading. Orv.hetil. 101 no.50:1775-1777 11 D'60.

1. Munkaképeségcsökkenést Velelmenyész Orvosi Bizottságok:
Belbizottsága és Laboratóriuma.
(LIVER FUNCTION TESTS)

DENES, ZSUZSANNA

SURNAME (in caps); Given Names

Country: Hungary

Academic Degrees: Dr

Affiliation: Laboratory of the Medical Committee Advising on Reduced Working Capacity (A Munkakepessegcsokkentest Velemenyezo Orvosi Bizottsagok Laboratoriuma); National Director (Orszagos Igazgato); Jeno IRAS, Dr

Source: Budapest, Biologiai Kozlemenyek, Vol IX, No 1, 1961, pp 97-102

Data: "The significance of the Enzyme Peroxidase in Senectus Praecox."

Authors:

DENES, Zsuzsanna

EGLER, Laszlo

DENES, Zsuzsanna

Serum fat determinations in aged persons. Biol kozl 7 no.1/2:67-72 '59.

1. Munkakepessegsokkenest Velemenyezo Orvosi Bizottsag. Kosponti vezeto forvos: Schindler Frigyes dr.

*

DEWICH, V. I.

"Mobility of Hydrogen Atoms of the Methyl Groups of Certain Derivatives of 2-Methyl-5-oxaz-azole and 2-Methylbenzothiazole." Cand Chem Sci, Leningrad Technological Inst., Laboratory of the Technology of Organic Dyes under A. Ye. Forys-Koshits, Leningrad, 1953. Dissertation (Ref rativnyy Zhurnal--Khimiya Moscow, No 2, Jan 54)

SO: SUI 186, 19 Aug 1954

DENESH, V.I.; FERKESHAN, M.

Methylene bases of heterocycles. Part 1: Interaction between methylene bases of benzothiazole and p-nitrobenzoyl chloride. Zhur. ob. khim. 32 no.1:199-205 Ja '62. (MIRA 15:2)

1. Institut khimii AN Rumynskoy Narodnoy Respubliki, g. Kluzh.
(Benzothiazole) (Benzoyl chloride)

SZIIAGYI, Elemer, okl.mernok; V.NAGY, Imre, dr.; SZIVAK, Attila; FEKETE, Karoly;
LACZAI SZABO, Tibor; CSERMAK Bela; DULANSZKY, Nandor; MORVAI, Vilmos,
okl.mernok; BELICSEVICH, Sandor; DENESI, Odon; MADAS, Jozsef; GOCZ,
Bela; VARNAI, Tivadar; HETENYI, Endre

Industrial water supply. Pecsí musz szeml 6 no.4 supplement:5-14 O-D '61.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet igazgatohelyetese (for V.Nagy).
2. Melyepitesi Tervezo Vallalat (for Szivak).
3. Deldunantuli Vizugyi Igazgatosag (for Fekete).
4. Nehezipari Miniszterium Villamosenergiaipari Igazgatosag (for Laczai Szabo).
5. Vizgazdalkodasi Tudomanyos Kutato Intezet (for Csermak).
6. Pecsí Viz- es Csatornamuvek (for Dulanszky).
7. FTV V.Mernokgeologiai Osztaly (for Bellosevich).
8. Epitesugyi Miniszterium Pecsí Tervezo Vallalat Ybl-dijas varosrendezo epiteszmernoke (for Denesi).
9. Pecsí Szentroszt (for Madas).
10. Pecsí mj.varos Tanacsa Vegrehajto Bizottsaga elnokehelyetese (for Gocz).
11. Pecsí mj.varosi KOJALL (for Varnai).
12. Orszagos Vizugyi Folgazgatosag fomerneke (for Hetenyi)

DENESI, Odon, okleveles epiteszmernok, Ybl-dijas; PAPP, Jozsef, okleveles
epiteszmernok; VARADYNE ~~GRIGORICZ~~, Viola, okleveles epiteszmernok;
MONORI, Magda, grafikus; VOROS, Lajos, grafikus

General city planning of Pecs. Pecszi musz szeml 7 no.2/3:1-30
Ap-S '62.

1. Epitesugyi Miniszterium Pecszi Tervezo Vallalat Varosrendezesi
Csoportja.

ANTONYUK, B.N.; DENESYUK, I.P.; KUROV, Yu.P.; VAYNSHTEYN, A.I.; BERDNIKOV, V.A.;
VEYTSMAN, M.B.; IVANOV, A.A.; IVANOV, A.S.; GAYEVSKIY, B.L.; KOZEL'TSEV,
L.K.; KOZEL'TSEV, L.I.; KUVALDIN, S.G.; MIROSHIN, A.I.; MIKOV, G.Ye.;
ZUBKOVSKIY, B.P.; IZYUMOV, B.N.; EDEL'SHTEYN, V.I.; KOCHETKOV, V.P.;
BUBLIKOV, A.V.; DZHANASHIYA, V.A.

Patents. Bum. i der. prom. no.1:53-54 Ja-Mr '65.

(MIRA 18:10)

POLOV'YAN, A.V.; PAVLOTSKIY, A.Ya.; DENESYUK, I.P.

Varnishing wooden chairs with nitrocellulose lacquers in a high-voltage electrostatic field. Bum. i der. prom. no.2:3-9 Ap-Je '63.
(MIRA 17:2)

MEJKOV, N.; DENEV, B.

Achievements of the Plant 12 in the economy of metals.
Mashinostroene 11 no.9:42-43 S '62.

DENEV, B.

KAPITANOV, G., professor; GRUEV, Iv.; DENEV, B.; ATANASOV, Dim.

Treatment of ileus with adhesions through intestinal plication.
Khirurgia, Sofia 8 no.2:111-117 1955.

1. Vissh meditsinski institut V. Chervenkov--Sofia propedevtichna
khirurgichna klinika Direktor: prof. G. Kapitanov.
(INTESTINAL OBSTRUCTIONS, surgery,
adhesive ileus)

DENEV, B.

Recent achievement in cardiac surgery. Khirurgia, Sofia 8
no.4:352-358 1955.
(HEART, surgery,
progr.)

DENEV, B.

Case of acute gangrene of the scrotum. Khirurgia, Sofia 8
no.4:369-371 1955.

(GANGRENE,
scrotum, case report)
(SCROTUM, gangrene,
case report)

DENEV, B.

Surgical therapy of coronary disease. Khirurgia, Sofia 11 no.9:854-861
1958.

1. Vissh meditsinski institut—Sofia katedra po khirurgichna propedevtika
zav. katedrata: prof. G. Kapitanov.
(CORONARY DISEASE, surgery,
(Bul))

DENEV, B.; STOIANOV, D.

Our experience with cardiac catheterization in congenital and acquired cardiac defects. *Khirurgia*, Sofia 12 no.11:978-987 '59.

1. Vissh meditsinski institut - Sofia. Katedra po propedevtika na khirurgichnite zaboliavania. Zav.katedrata: prof. G. Kapitanov.
(HEART CATHETERIZATION)

DIMITROV, D.; MALAMOV, E.; GENOV, Iv.; DENEV, B.

Our experience with surgical therapy of mitral stenosis. *Suvrem med.*,
Sofia no.7-8:26-38 '60.

1. Iz Katedrata po propedevtika na khirurgicheskite bolesti (Rukov.
na katedrata prof. G.Kapitanov) i Katedrata po bolnichna terapiia
(Rukov. na katedrata prof. Al.Pukhlev)
(MITRAL STENOSIS surg)

DIMITROV, D.; GENOV, Iv.; MALAMOV, E.; DENEV, B.

Certain results after surgical therapy of mitral stenosis in the cardiovascular ward of the VMI Clinic of Propedeutic Surgery in Sofia. *Khirurgiia*, Sofia 14 no.2/3:189-191 '61.

1. Surdechno-sudovo otdel nie pri propedevtichnata khirurgichna klinika pri Visshia meditsinski institut, Sofia.

(MITRAL STENOSIS surg)

BULGARIA / Diseases in Animals. Diseases Caused by
Protozoa

R

Abs Jour: Ref Zhurn-Biologiya, No 16, 1958, 74235

Author : Konstantinov, Petor; Denev, Iordan

Inst : Not given

Title : Investigations on the Use of Penicillin During
Coccidiosis in Young Chicks

Orig Pub: Zhivotnovodstvo i vet. delo, 1957, 11, No 3, 24-28

Abstract: Experiments were conducted on three farms. For six days, 2000 units of penicillin (I) dissolved in distilled water was given daily with food. All of the young chicks that received I recovered and in comparison with the controls gained significantly in weight. Treatment of 3,210 young chicks in field

Card 1/2

DENEV, Iord.

Spirochetosis in birds. Izv Vet inst zaraz parazit 8:183-188 '64

ANGELOV, G.; DENEV, I.; STOIMENOV, Kr.; MUKHAREV, N.; BONEV, D.

Distribution of hydatigenous taeniasis and cysticercosis in northeastern Bulgaria. Izv khelmit lab BAN 9:91-96 '64.

BULGARIA

DENEV, M.

Sofia, Farmatsiya, No. 1, Jan-Feb 1963, pp 34-37

"Investigation of the Prescription of the Pharmacy
from the III and IV Categories in Plovdiv with a
View to the Introduction of the Burette System in
Them."

(1)

DENEV, St., inzh.

Rotation speed of ball mills, and its influence on the
granulometric characteristics of the crushed product. Min delo
17 no.5:23-27 My '62.

1. Minno-geolozhki institut.

DENEV, S.I.

Ball mill performance at supercritical speeds.
TSvet. met. 35 no.7:3-8 JI '62. (MIRA 15:11)
(Crushing machinery)

DENEV, M.

Better agricultural methods, more cotton. p.17.
Kooperativno Znanostno, Sofia, Vol. 11, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAK), LC, Vol. 5, No. 6 June 1956, Uncl.

DENEV, M.

"Special case of straight intorsection."

p.30 (Tekhnika, Vol. 7, no. 1, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

DENEV, St., inzh; ARABADZHIEVA, Sl., inzh.

"Manual on ore, concentrate, and metal testing" by M. Mekhandzhiev and N. Rashev. Reviewed by St. Denev and Sl. Arabadzheva. Min delo 17 no.7:47-48 JI '62.

DENEV, S.I.; BESSONNIKOVA, N.V.

Increasing the output of a crushing machine unit by raising the
temperature of the pulp. Obog. rud 6 no.2:50-51 '61. (MIRA 14:8)

(Crushing machines)

DENEV, St.

Analysis of the work in a concentrating mill. Methods.
Godishnik Min geol. inst 7:459-467 '60/'61 [publ. '62].

OBRESHKOV, D., inzh., dots, kand, no tekhn. nauki; DENEV, St., inzh.

Intensification of the grinding process with centrifugal
roller mills. Min delo 18 no.9:15-19 S '63.

1. Minno-geolozhki institut.

TABAKOPULO, N.P.; STOYEV, S.M.; KOVACHEV, K.P.; DENEV, S.I.; GAYDARZHIYEV, S.S.

Review of M.A. Fishman's and D.S. Sobolev's book "Practices of the
concentration of nonferrous and rare metal ores. TSvet, met. 37 no.6:
94-96 Fe 64. (MIRA 17:9)

DENEV, V.

(5)

BOYANOV, L.

Bulgaria

No degree listed

Member of the Higher Medical Institute (Vissh Meditsinski Institut), Sofia

Sofia, Dermatologiya i Venerologiya, supplement of Suvremenna Meditsina, No 1, 1962, pp 34-38

"Elastorrhexis Systematisata"

Co-authors:

GRIGOROV, I., Higher Medical Institute, Sofia
ATSEV, E., Higher Medical Institute, Sofia
PESHEV, I., Higher Medical Institute, Sofia
DENEV, V., Higher Medical Institute, Sofia

DENEV, Vl.

DANILOV, D., Dots.; UGLOVA, T., St. assistant; DENEV, Vl., Ml. asistent

Significance of glaucoma in preoperative and postoperative
noninflammatory complications in cataract extraction. Khirurgia
7 no.2:77-87 1954.

1. Meditsinska akademia V. Chervenkov, Sofia. Katedra po ochni
bolesti. Direktor: dots. D. Dr. Danilov.

(GLAUCOMA, complications,
*cataract, extraction, compl. in)
(CATARACT EXTRACTION,
*in glaucoma, compl.)

DENEV, Vl.; BAKALOV, D.; STOIANOV, Sl.

Studies on the natural illumination of working areas and certain other etiological factors in a group of Sofia students with special reference to the prevention of myopia. Nauch. tr. vissh. med. inst. Sofia 9 no.4:335-362 '59.

1. Predstavena ot dots. E. Zhivkov, zav. Katedrata po ochni bolesti, i ot arkh. M. Georgiev, dir. na "Glavproekt".

(MYOPIA prev & control) (SCHOOL HEALTH)
(LIGHTING)

DENEV, Vl.

1st results of the use of the Bulgarian preparation "Pyretin" in eye diseases. Khirurgia, Sofia 13 no.7/8:686-693 '60.

1. Vissh meditsinski institut, Sofia. Katedra po ochni bolesti.
Zav. katedrata: dots. Ev.Zhivkov.
(OPHTHALMOLOGY ther.)
(PYROGENS ther.)

DENEV, Vl.; BOIANOV, L.

A case of systemic elastorrhesis. Khirurgia, Sofia 14 no.9:845-847
'61.

1. Iz katedrata po ochni bolesti i katedrata po kozhni i venericheski
bolesti pri Vissh meditsinski institut, Sofia.

(PSEUDOXANTHOMA ELASTICUM case reports)

DENEV, VL.; IONCHEV, L.

On modern forms for medicinal solutions used locally in ophthalmology.
Khirurgia (Sofia) 15 no.1:67-74 '62.

1. Vissh meditsinski institut, Sofiia katedra po ochni bolesti zav.
katedrata: dots. By. Zhivkov.

(OPHTHALMOLOGY ther)

ZHIVKOV, E., dotsent; GOLEMINOVA, R.; DENEV, Vl.; KHANTOVA, K.

Treatment of endogenous uveitis. Khirurgia 16 no.1:103-113
'63.

1. Iz Katedrata po ochni bolesti pri VMI [Vissh meditsinski
institut] - Sofia.
(UVEITIS) (SYPHILIS) (TUBERCULOSIS OCULAR)
(TOXOPLASMOSIS OCULAR (MYCOSES)

DENEV, VI.

Experience in the surgical treatment of severe symblepharon.
Khirurgiya (Sofia) 16 no.8:755-765 '63.

1. Vissh meditsinski institut - Sofia, katedra po ochni
bolesti. Rukovoditel na katedrata: dots. E. Zhivkov.
(EYELIDS) (OPHTHALMOLOGY) (SURGERY, OPERATIVE)

DENEVSKI, Petko; GRIGOROV, Vasil

Agricultural production, wide field of creative work.
Ratsionalizatsia 14 no.4:1-3 '64.

V4713. THREEDAY KILNS FOR HEATING LARGE BILLETS. Dnepropetrovsk, U.S.S.R.
(Istal (Steel), Moscow), 1956, (10), 935-938). The reconstruction of a
Soviet design furnace for heating billets from 700-1100 to 1200-1250°C is
described. The top and bottom of the furnace as well as the gas burner
arrangements were modified.

Novo-Tazil Metallurgical Plant

DENEZHNIK, B.S.

RABINOVICH, D.M., inzhener; DENEZHNIK, B.S.

Treating rails in isothermic heat furnaces. Stal' 16 no.12:1094-1097
D '56. (MLRA 10:9)

1. Novo-Tagil'skiy metallurgicheskiy zavod.
(Railroads--Rails) (Furnaces, Heat-treating)

BENYAKOVSKIY, Mark Aleksandrovich; DENEZHNIKIN, Boris Sergeevich;
CHUKHLOVA, Lyudmila Nikolayevna; BUTYLIKINA, Larisa
Il'inichna; RYMOV, V.A., red.

[Quality of sheet surfaces] Kachestvo poverkhnosti listov.
Moskva, Izd-vo "Metallurgiya," 1964. 53 p. (NIRA 17:7)

DENEZHKIN, D. G.

262T5

USSR/Chemistry - Electrochemistry, Photo- Jan 53
electric Effects

"Photoluminescence of ZnO on Electrodes in Solutions of Electrolytes," Acad A. N. Terenin and D. G. Denezhkin, Sci-Res Phys Inst, Leningrad State U in A. A. Zhdanov

DAN SSSR, Vol 88, No 1, pp 99-108

When a potential of 1 v is applied to a Ni or Pt electrode covered with a thin layer of ZnO and immersed in a soln of electrolyte (0.1N), a reversible change in the photoluminescence of the layer is observed. The anode darkens and the cathode brightens. This phenomenon was studied with various electrolytes and it was observed that changes in the fluorescence of the ZnO not only reflect the state of polarization of the Pt electrode, but also reveal the photoelectric and electrochemical processes taking place on it.

262T5

SOV/124-58-5-5246

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 42 (USSR)

AUTHORS: Gaygerov, V.I., Denezhkin, Ye.N.

TITLE: Testing Equipment for Compressors and Turbines (Ustanovka dlya ispytaniy kompressorov i turbin)

PERIODICAL: Tr. N.-i. labor. dvigateley M-va transp. mashinostr. SSSR, 1957, Nr 3, pp 88-127

ABSTRACT: A description is given of compressor and turbine testing equipment designed and built at the Scientific Engine-research Laboratory of the Ministry of Transport Machinery. The equipment functions on open and closed circuits. A separate stand is available for testing combustion chambers. Compressors and turbines can be tested either jointly or separately. The basic components of the equipment are described, also the characteristic of its water brake (hydraulic dynamometer) and the principle of its lubrication and fuel-supply system. For the apparatus operating on a closed circuit an account is given of the process of delivery and removal of the working fluid. The experimental procedure is explained, also the method of obtaining the characteristics of some compressors and turbines. Special

Card 1/2

SOV/124-58-5-5246

7 Testing Equipment for Compressors and Turbines

attention is devoted to an account of measuring procedures and the measuring equipment. Methods are indicated for measuring the rpm, power, fuel and gas consumption, and air and fuel temperatures and pressures, for securing gas samples for analysis, and for regulating the performance of the apparatus. Bibliography: 9 references.

O.N. Samsonov

1. Compressors--Testing equipment
2. Turbines--Testing equipment

Card 2/2

26196
S/081/61/000/012/023/028
B103/B202

11.1210

AUTHORS: Lavrent'yev, V. I., Bayburskiy, L. A., Dronin, A. P.,
Denezhkina, Ye. A.

TITLE: Production of fuels for gas and turbine engines from
products obtained in Groznyy

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 12, 1961, 525, abstract
12M172. (Tr. Groznensk. nef. n.-i. in-t, 1960, vyp. 7,
73-85)

TEXT: The authors studied the following distillation and residual products of direct distillation and of secondary origin in order to obtain gas-turbine fuels: kerosene gas oil fractions of the Achalukskiy, Ozek-Suatskiy and Turkmenskiy petroleum, mazout of the Anastasiyevskiy petroleum, kerosene of thermal cracking, cracking residue, contact-coking distillate of pitch of petroleums containing sulfur. It was found possible to obtain gas-turbine fuels with satisfactory values of viscosity, solidification point, and vanadium content from the products of Groznyy. The following products were recommended for examination on

Card 1/2